

WHAT IS CLAIMED IS:

1. A method of arranging a plurality of visual images in an album, based on affective information which classifies such images, comprising the steps of:
 - a) providing affective information to classify at least one digital image from a plurality of stored digital images;
 - b) using the affective information to determine the importance of the at least one digital image; and
 - c) producing an album including visual images of the plurality of stored digital images, wherein the importance of the at least one digital image is used to arrange the visual images.
2. The method of claim 1 wherein images determined to be important are printed using a larger size.
3. The method of claim 1 wherein images determined to be important are printed in a prominent location in the album.
4. A method of arranging a plurality of visual images based on recorded affective information, which classifies such images, comprising the steps of:
 - a) storing a plurality of digital images;
 - b) classifying one or more of the images as an important image based upon user reaction to the images and storing such classification in association with the one or more of the images; and
 - c) forming visual images of the plurality of stored images based upon the stored classification, wherein the visual images are provided on at least one album page.

5. The method of claim 4 wherein the step of classifying one or more of the images as an important image includes monitoring the facial expression of the user.

6. The method of claim 4 wherein the step of classifying one or more of the images as an important image includes monitoring the physiology of the user.

7. The method of claim 4 wherein the step of classifying one or more of the images as an important image includes providing a user interface to enable the user to indicate important images.

8. The method of claim 4 wherein the step of classifying one or more of the images as an important image includes determining the duration of time the user views each of the plurality of digital images.

9. The method of claim 4 wherein the step of classifying one or more of the images as an important image includes monitoring the gaze of the user.

10. A method of arranging a plurality of visual images based on recorded affective information which classifies such images and providing such images in a format, which is suitable for use in an album, comprising the steps of:

a) forming visual images of the plurality of visual images based upon the recorded affective information and organizing such visual images in accordance with such recorded affective information; and

b) providing such formed visual images in a format on a page useable as a page in an album.

11. The method of claim 10 wherein the recorded affective information classifies the images for a plurality of users.

12. The method of claim 11 wherein the visual images are formed for one of the plurality of users in accordance with the recorded affective information for said one of the plurality of users.

13. A method of arranging a plurality of at least two visual images in sizes for use in an album from a plurality of images with at least one of the images being classified as important based upon a user reaction to the image, comprising the steps of:

- a) forming visual images of the plurality of images based upon the classification and setting the size of such visual images in accordance with such classification; and
- b) providing such formed visual images on an album page.

14. The method of claim 6 wherein the classification includes information for a plurality of users.

15. The method of claim 14 wherein the album is customized for a particular user.

16. The method of claim 13 wherein the classification further includes specifying the time or period within a range of times that the classification was performed.

17. The method of claim 13 wherein the classification includes identification of favorite images by some reaction of the user.

18. The method of claim 13 wherein the classification includes monitoring the facial expression of the user.

19. The method of claim 13 wherein the classification includes monitoring the physiology of the user.

20. The method of claim 13 wherein the classification includes providing a user interface to enable the user to indicate important images.

21. A method of retrieving and arranging a plurality of visual images in sizes for use in an album, which includes the steps of:

- a) providing affective information to classify at least one digital image from the plurality of digital images;
- b) providing a user identification code;
- c) associating the affective information and the user identification code with the at least one digital image;
- d) using the affective information and the user identification code to facilitate retrieval of the plurality of digital images;
- e) forming visual images of the plurality of visual images based upon the recorded affective information and organizing and selecting the size of such visual images in accordance with such recorded affective information so that they can be formed on one or more pages; and
- f) providing such formed visual images in a format on the one or more pages.

22. A method of retrieving and arranging a plurality of visual images in sizes for use in an album, which includes the steps of:

- a) providing affective information to classify at least one digital image from the plurality of digital images;

10. *Journal of the American Medical Association*, 2000; 283: 2689-2696.